

## ABSTRACT OF THE DISCLOSURE

A heat pipe wherein a condensable liquid phase working fluid is encapsulated in a container sealed in air-tight condition; wherein the wick composed of the porous body for refluxing the liquid phase working fluid by a capillary pressure is provided in the container; wherein a part of the container functions as an evaporating part for evaporating the working fluid by means of inputting the heat from outside; and wherein another part of the container functions as a condensing part for condensing a vapor of the working fluid by means of radiating the heat to the outside; comprises a direct reflux flow passage for flowing the liquid phase working fluid to the evaporating part, which has a flow cross-sectional area greater than that of a cavity formed in the porous body.